

Expectations

Along with English, Maths is one of the subjects in greater demand by employers, colleges and universities. You may have the potential to succeed with Intermediate 2 Maths, but must be aware that this potential can only be realised by full co-operation between student and teacher.

Students are expected to arrive at class on time with the correct equipment, i.e. pencil, rubber, ruler, calculator and all relevant books and jotters. Pupils are expected to make a thorough and honest attempt at their homework and hand in exercises on time.

Students are responsible for their own learning and thus are responsible for catching up on any work missed.

Useful Tips

- Students who revise regularly have a much better chance of achieving a good grade.
- Do not try to 'cram' all the revision into the days just before a test.
- Review the work done in the Maths class each day. It may be useful to do the harder questions again.
- Ask the teacher for help when necessary.
- Additional revision material is available from the teacher if required.

Progression

Students may progress to Higher Mathematics if they attain an Intermediate 2 Mathematics Award at A, which must include Unit 3. The course may also serve as an entry requirement to further education courses with either the Unit 3 or Unit 4 finish.



Invergordon Academy

Mathematics Department

Course Information

Intermediate 2 Maths

This information booklet outlines the Higher Still course.
Please keep this booklet for reference purposes.

Intermediate 2 Mathematics

This course is aimed at students who followed a Credit course at Standard Grade but found it difficult, and would struggle with Higher over one year, or those who achieved a General grade 3 and wish to study Maths further in fifth year. The course consists of 2 units and an optional Unit 3 or Unit 4, which are assessed internally and a final external exam. Students wishing to progress to Higher must complete Unit 3.

Entry Requirements

A Standard Grade General level grade 3, minimum component grades two 3's preferred, or Intermediate 1 grade A which must include Unit 3.

Assessment

The course is assessed internally by Unit Tests and externally by a National Exam. To gain the course award students must pass both the internal and external assessments. Progress is reviewed at the end of each unit.

Unit Tests

- On completion of each unit, students sit a Unit Test set by SQA.
- These last 45 minutes and are marked by the class teacher.
- The tests are designed to assess the basic skills learnt in each unit and are thus deemed to be below exam standard.
- Pass mark is high, approximately 75-80%.
- Students may re-sit the tests once, but the need to do so implies that either the student has not done sufficient work or that the student is attempting a course that is too difficult.
- The Unit Tests will take place in September, December and March.

There will also be an exam standard assessment at the end of each unit.

National Exam

- The final grade (A, B or C) awarded for Intermediate 2 Maths is determined by a National exam at the end of the year.
- The National Exam consists of two papers. Paper I is 45 minutes long and Paper II is 1 hour 30 minutes.
- **Calculators are not allowed in Paper I.**
- Students who pass the unit tests but do not pass the final exam will receive a certificate showing the unit passes.

Homework and Revision

As students move into the Senior school, they are expected to become more **responsible for their own learning**. Homework is an integral part of the course and allows students to consolidate and revise skills learnt in class.

Much of the class time will be used for discussion and demonstration of new concepts. Routine exercises designed to practise new skills will need to be completed at home if not done so in class.

Formal homework will be set on a regular basis. A reasonable amount of daily homework may also be set to allow the class to progress from a common starting point in the next lesson.

It is essential that students meet the schedule set by the class teacher. Failure to complete an exercise on time will mean that students do not have the necessary background for subsequent lessons.

In addition to set homework, students are expected to review and revise coursework throughout the year, not just in the run up to assessments.

As a rough guide, Intermediate 2 Maths students should spend approximately 3 hours each week studying maths at home.